

From: [Metz, Chloe](#)
To: [Ofrane, Rebecca](#)
Subject: FW: ATSDR review of data from Cabo Rojo Vapor Intrusion March 2013 Sampling
Date: Wednesday, July 31, 2013 11:35:00 AM

fyi

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From: Vaouli, Elena
Sent: Wednesday, July 31, 2013 10:00 AM
To: Zeno, Denise
Cc: Metz, Chloe; Escobar, Leah; azd9@cdc.gov; Pomales, Ana
Subject: RE: ATSDR review of data from Cabo Rojo Vapor Intrusion March 2013 Sampling
Ok, thanks Denise. We'll make the corrections and re-send the email summary to the group.
Appreciate the updates on the new Head Start locations!
Elena

From: Zeno, Denise
Sent: Wednesday, July 31, 2013 8:45 AM
To: Vaouli, Elena; Ofrane, Rebecca
Cc: Metz, Chloe; Escobar, Leah; azd9@cdc.gov; Pomales, Ana
Subject: RE: ATSDR review of data from Cabo Rojo Vapor Intrusion March 2013 Sampling
Elena,

I just found out that my reply to your original message was save into the drafts folder instead of sending it.

I have one comment: the name of the HeadStart is not **Santa Maria**. We have been calling it Ana Maria although the correct name is "HeadStart Colaboracion I, II, and III", which is the one located in the Ana Maria Strip Mall adjacent to the Extasy Q-Prints shop.

Evangeline confirmed that Colaboracion I, II, and III will start classes in the new location in the Rebekah Colberg Sport Complex (Jill's email refer to this location as the building by the stadium..

Please let me know if you have additional questions. As always thanks for your support.

Denise

From: Vaouli, Elena
Sent: Monday, July 22, 2013 1:31 PM
To: Zeno, Denise; Ofrane, Rebecca
Cc: Metz, Chloe; Escobar, Leah; azd9@cdc.gov; Pomales, Ana; Anderson, Arlene
Subject: ATSDR review of data from Cabo Rojo Vapor Intrusion March 2013 Sampling
Hello Denise and Becky,

First, Denise, thanks for sharing the data from the most recent sampling at the Cabo Rojo site. As you may recall from our May 2012 health consultation, we recommended periodic follow-up sampling to verify that indoor levels of VOCs do not increase, and that ATSDR would provide public health input.

We were fortunate to have our health assessor, Jill Dyken, available to review these data. She prepared the previous Health Consultations evaluating indoor air, plus the Public Health Assessment (Sept 2012) which focused on potential community exposures to VOCs in municipal well water.

To expedite our response to you, we decided to send you a summary of our review (see below email from Jill).

Please take a look and let me know if this response will meet any needs you have, and if you have any comments or questions.

Once you have had an opportunity to review our response, and we make any necessary revisions, I'm happy to share this information with our HHS R2 ACF / Head Start contacts.

Thanks again,
Elena

Elena Vaouli, MPH, REHS/RS
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From: Dyken, Jill J. (ATSDR/DCHI/EB) [<mailto:azd9@cdc.gov>]

Sent: Thursday, July 18, 2013 3:39 PM

To: Vaouli, Elena

Subject: Cabo Rojo Vapor Intrusion March 2013 Sampling

Hi Elena,

Please convey my thanks to Denise Zeno for sharing EPA's May 2013 results from March 2013 sampling for vapor intrusion at the Cabo Rojo Ground Water Contamination site in Cabo Rojo, PR. I have looked at the results, and following is the summary we discussed.

Sub-slab or crawl space and indoor air results were available for three buildings:

- **Santa Maria Head Start (the Head Start preschool near "Potential Source #2" as identified in our May 2012 Health Consultation)**

- Results from the Santa Maria Head Start preschool are similar to those from 2012.
- VOCs in indoor air samples are non-detect or below ATSDR minimal risk levels.
- Sub-slab levels of VOCs are very high (PCE>3,000 µg/m³, TCE>100 µg/m³).
- ATSDR's previous conclusions and recommendations from our May 2012 Health Consultation regarding the Head Start preschool near Potential Source #2 would still apply to the Santa Maria Head Start. (A copy of the document can be found at:
<http://www.atsdr.cdc.gov/hac/pha/CaboRojoGWContaminatinSite/CaboRojoGWContaminatinSiteHC5222012.pdf>
)

- **Santa Rita Head Start**

- Results from the Santa Rita Head Start preschool indicate that VOCs in both sub-slab and indoor air samples are non-detect or below ATSDR minimal risk levels.

- **Building by stadium**

- Results from this building indicate that VOCs in both crawl space and indoor air samples are non-detect or below ATSDR minimal risk levels.

Please let me know if you or Denise have any questions or concerns.

Thanks,

Jill

Jill J. Dyken, PhD, PE

Environmental Health Scientist

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Division of Community Health Investigations

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